

# Screw pumps

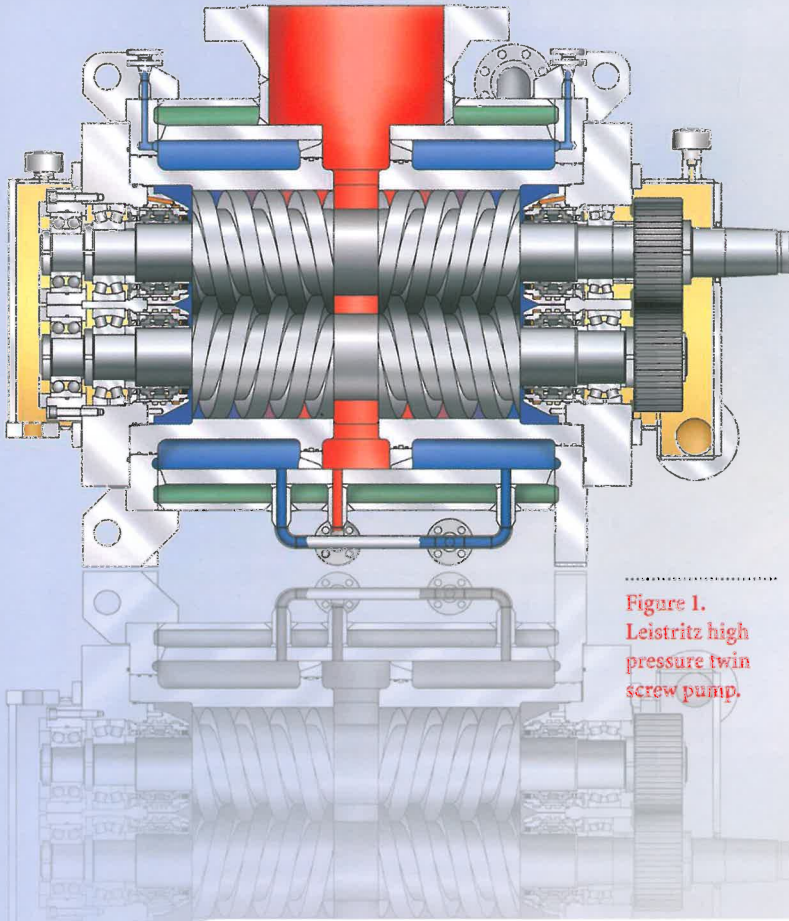


Figure 1. Leistriz high pressure twin screw pump.

*Jeffery F. De Vaul,*  
*Leistriz Corporation,*  
*USA,* talks about the different types of screw pumps used to transport heavy crude oil.

In the not too distant past, heavy crude oil was recognised as uneconomical to produce and transport. These heavy crudes required unique production, transportation and processing technologies that were at the time considered pioneering. Today, that is not the case. Heavy oil producers operating in the harsh



Figure 2. Leistriz twin screw pump in pipeline service.